



STIC Search Report

EIC 3600

STIC Database Tracking Number: 156552

TO: Jim Myhre
Location: KNX *5D75*
Art Unit : 3622
Tuesday, June 21, 2005

Case Serial Number: 09/635778

From: Sylvia Keys
Location: EIC 3600
Knox 4B68
Phone: 571.272.3534

sylvia.keys@uspto.gov

Search Notes

Dear Examiner Myhre,

Please read through the results.

If you have any questions, please do not hesitate to contact me.

Sylvia

Class: 705/12

Access DB# 156552

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Jim Myhre Examiner #: 74609 Date: 15 Jun 05
Art Unit: 3622 Phone Number 272-6722 Serial Number: 09/635,778
Mail Box Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe, as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

(ABSTRACT ATTACHED)

Date Filed: 11 August 2000 Applicant(s) David M. Goldschlag
Priority Date: 19 February 1998 Stuart G. Stubblebine
Assignee: AT&T and NAVAL RESEARCH LABORATORY Paul F. Syverson

DESCRIPTION

KEYWORDS

A method for voting, including registering, voting, and auditing submitted votes. The method uses blinded vote certificates to maintain the autonomy of the voter and to validate that the vote is authentic. The vote certificate is blinded by hashing the unblinded certificate with a nonce (one-time-use random number). Acknowledgment messages are exchanged to verify receipt of the vote certificate, both unblinded and blinded. When auditing the vote, the certificate, nonce, and key is compared to the same items in the original request for registration to validate the identity of the voter.

vote
blinded certificates
nonce
hashing code

STAFF USE ONLY

Type of Search

Vendors and cost where applicable

Searcher: _____	NA Sequence (#) _____	STN _____
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S2	244636	REGISTER? OR REGISTRAT?
S3	1527610	INITIALIZ? OR AUTHORIS? OR AUTHORIZ? OR VERIF? OR VALID? OR AUDIT? OR AUTHENTI?
S4	22731	RANDOM()NUMBER? OR NONCE?
S5	203668	BLIND? OR UNBLIND? OR ANONYMOUS?
S6	371	AU=(GOLDSCHLAG, D? OR GOLDSCHLAG D? OR STUBBLEBINE, S? OR - STUBBLEBINE S? OR SYVERSON, P? OR SYVERSON P?)
S7	13	S1(5N)S2
S8	242	S1 AND S3
S9	58	S8 AND (S4 OR S5)
S10	5	S9 NOT PY>1998
S11	5	S10 NOT S7
S12	4	S6 AND S1
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S3	5727770	INITIALIZ? OR AUTHORIS? OR AUTHORIZ? OR VERIF? OR VALID? OR AUDIT? OR AUTHENTI?
S4	32799	RANDOM()NUMBER? OR NONCE?
S5	930201	BLIND? OR UNBLIND? OR ANONYMOUS?
S6	28	AU=(GOLDSCHLAG, D? OR GOLDSCHLAG D? OR STUBBLEBINE, S? OR - STUBBLEBINE S? OR SYVERSON, P? OR SYVERSON P?)

S7	1423	S1(S)S2
S8	59	S7(5N) (S3 OR S4 OR S5)
S9	12	S8 NOT PY>1998
S10	782	S1(5N) (S3 OR S4 OR S5)
S11	777	S10 NOT S9
S12	45	S11 NOT PY>1998
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S14	0	S6 AND S1

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S2	822054	REGISTER? OR REGISTRAT?
S3	554059	INITIALIZ? OR AUTHORIS? OR AUTHORIZ? OR VERIF? OR
		VALID? OR
		AUDIT? OR AUTHENTI?
S4	25375	RANDOM()NUMBER? OR NONCE?
S5	105268	BLIND? OR UNBLIND? OR ANONYMOUS?
S6	34	AU=(GOLDSCHLAG, D? OR GOLDSCHLAG D? OR STUBBLEBINE, S?
		OR -
		STUBBLEBINE S? OR SYVERSON, P? OR SYVERSON P?)
S7	24	S1(5N)S2
S8	75	S1(5N)S3
S9	18	S8 AND (S5 OR S6)
S10	16	S9 NOT S7
S11	1	S1 AND S6